

ABSTRACT

The objective of the present invention is to provide a gene encoding novel afadin DIL domain-binding protein (ADIP) and use of the novel ADIP protein.

The present inventors successfully identified a novel afadin-binding protein (ADIP) using yeast two-hybrid screening in order to identify how the nectin and afadin system organize tight junctions and adherens junctions at the cell-cell junctions. The novel protein is useful for evaluating actin cytoskeleton-controlling agents.